

ABSTRACT OF THE DISCLOSURE

A heat exchange panel for use in an active heat exchange system. The heat exchange panel includes first and second layers having seals between the layers at a common border, at fences, and at dots of a dot matrix. The dot matrix is organized into first parallel lines and second parallel lines where the first and second parallel line cross at a 90° angle. The seals at the border and the fences are rippled with smooth ripples.

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